



Public Health  
Association of BC



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# Seed Library

Planetary Health Learning Garden 2024





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## Towards a Planetary Health Learning Garden

The Seed Library is part of an initiative to grow capacity for planetary health workforce development to address health, equity and ecosystem imperatives. The Public Health Association of BC (PHABC) is dedicated to a transformative, integrative and collaborative 'learning garden' model designed to jump-start Planetary Health Workforce Development in Canada, and to connect and amplify global efforts.

Our key audiences include:

- Indigenous learners and leaders
- Health workers (public health workers, nurses, social workers, etc.)
- Environment and ecosystems professionals (urban planners, emergency preparedness professionals, architects, engineers, land and water managers, etc.)
- Cross-sectoral government professionals
- Diverse educators, researchers and academics

PHABC is committed to the following transformative actions that can lead to real change:

1. **Identify and leverage existing strengths** across diverse institutions (build on and share existing assets).
2. **Prioritise Indigenous leadership and knowledges** in pilot design team, culture, content, and learners.
3. **Ground the BC Pilot in Indigenous-led land-based learning** as a required part of the learning model.
4. **Promote cultural safety and equity** – investing in capacity development that responds to the unique needs of communities with an overt emphasis to rural, remote and Indigenous communities.
5. **Foreground a systems-based, ecological perspective**, reflecting the nested and connected nature of ecosystems, that demand attention: local, provincial, national, global.

As the initial curated resource list, the Seed Library is organized according to the offering dates, and separated into three sections: completed course details; partially completed course details; and closed courses.



# Completed Course Details



## PHABC Summer Institutes and Conferences

**Offering Date:** Conference proceedings

**Teacher/ Instructor:** N/A

**Course Type:** Conference style events.

**Course Themes:** Some recent and relevant themes related to Planetary Health in past summer schools and conferences include:

- Commercial Determinants of Health (2024)
- Our Planet, Our Health (2022)
- Think Globally, Act Locally (2020)
- Facing a Changing World: Transformative Leadership and Practice (2017)
- Promoting Health and Sustainability: The case of climate change and energy use (2016)
- Strengthening Healthy and Sustainable Communities through Local Government Planning and Public Health Collaboration (2014)

**Indigenous-led or distinction based:** Depends on the recording or presentation.

**Location:** Summer Institutes and Conferences have been in the past both online or in-person.

**Duration:** 2-day events

**Cost:** Free to review past events and \$50+ for upcoming events.

**Grant Availability:** N/A

**Target Audience:** Health professionals and anyone interested in public health, e.g.:

- Community Development Workers
- Educators and Students
- Environmentalists
- Health Information Scientists
- Medical Health Officers
- Mental Health and Addiction Workers
- Nutritionists
- Public Health Inspectors
- Public Health Nurses
- Researchers
- Social Justice Advocates



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**URL:** <https://phabc.org/presentation/public-health-summer-institute-2020/>

**Contact:** [admin@phabc.org](mailto:admin@phabc.org)

**Credits:** No

**CME/ CPD Availability:** Uncertain



## Living Lab Network

**Offering Date:** Webinar recording

**Teacher/ Instructor:** Several different presenters

**Course Type:** Webinar

**Course Themes:** Where innovation meets transformative education. Join us through this Webinar and Podcast Lunch Series featuring local stories hosted by Lab network leaders. Discover the power of transformative learning in these engaging sessions.

**Indigenous-led or distinction based:** Depends on the recording or presentation.

**Location:** Online

**Duration:** 1-hour

**Cost:** Free

**Grant Availability:** N/A

**Target Audience:** Open

**URL:** <https://livinglabproject.ca/>

**Contact:** [livinglabproject@gmail.com](mailto:livinglabproject@gmail.com)

**Credits:** No

**CME/ CPD Availability:** No



## Indigenous planetary health: The path we walk with Dr. Nicole Redvers

**Offering Date:** Webinar recording

**Teacher/ Instructor:** Dr. Nicole Redvers

**Course Type:** Webinar

**Course Themes:** Dr. Redvers emphasizes the importance of ensuring a grounding in the stewardship practices, the relation building, and the innate sense of reciprocity embodied in traditional Indigenous knowledges around the globe. This presentation will discuss Indigenous perspectives on planetary health and greater sustainability movements.

**Indigenous-led or distinction based:** Yes

**Location:** Online

**Duration:** 1.5 hours

**Cost:** Free

**Grant Availability:** N/A

**Target Audience:** Open

**URL:** <https://ncceh.ca/events/upcoming-events/indigenous-planetary-health-path-we-walk-dr-nicole-redvers>

**Contact:** [ncceh@bccdc.ca](mailto:ncceh@bccdc.ca)

**Credits:** No

**CME/ CPD Availability:** Participants are eligible to receive CIPHI Continuing Education Credits.





## Ecohealth Knowledge to Action Research Group

**Offering Date:** Open source - registration not required

**Teacher/ Instructor:** Principal researchers from UNBC (Dr. Margot Parkes, Dr. Henry Harder), Simon Fraser University (Dr. Tim Takaro, Dr. Maya Gislason), the University of Lethbridge (Dr. Lars Hallstrom), the Canadian Wildlife Health Cooperative (Dr. Craig Stephen) and the Université de Moncton (Dr. Céline Surette). There were also key partners for each of the regional cases.

**Course Type:** A series of dynamic webalogues.

**Course Themes:** This series aims to highlight the variety of ways in which a range of practitioners, professionals, policy-makers and community members are grappling with topical, current and complex issues emerging at the nexus of population health, ecosystem and society. (Access to archived recordings is available).

**Indigenous-led or distinction based:** Depends on the case, recording or publication.

**Location:** Online recordings and publications.

**Duration:** 1-2.5 hours (recorded videos).

**Cost:** Free

**Grant Availability:** N/A

**Target Audience:** Researchers, local knowledge users, focused on working together across sectors to take notice of- and respond to- the influence of resource development on health and well-being, with specific emphasis on rural, remote and Indigenous communities and environments.

**URL:** <https://www.echonetwork-reseaecho.ca/resources>

**Contact:** General inquiries: <https://www.echonetwork-reseaecho.ca/contact>

**Credits:** Uncertain

**CME/ CPD Availability:** Uncertain

**Additional Information:** More detailed link to videos: <https://www.echonetwork-reseaecho.ca/echo-pulse-resources>



## Indigenous Laws on Indigenous Lands: Land Back as Climate Action

**Offering Date:** Open source video - registration not required

**Teacher/ Instructor:** Dr. Jeff Corntassel

**Course Type:** Deans' Lecture Series - web recording.

**Course Themes:** Exploration of the intersections between Indigenous resurgence, climate change, gender, and community well-being. He is currently completing work for his forthcoming book on Sustainable Self-Determination, which examines Indigenous climate justice, food security, and gender-based resurgence.

**Indigenous-led or distinction based:** Jeff is a writer, teacher and father from the Cherokee Nation. He is currently Associate Professor in the Indigenous Studies Department at the University of Victoria and Associate Director of the Centre for Indigenous Research and Community-Led Engagement (CIRCLE).

**Location:** Online

**Duration:** 30 minutes

**Cost:** Free

**Grant Availability:** N/A

**Target Audience:** Open

**URL:** <https://continuingstudies.uvic.ca/humanities-and-social-sciences/series/deans-lecture-series/indigenous-laws/>

**Contact:** [uvcsreg@uvic.ca](mailto:uvcsreg@uvic.ca)

**Credits:** No

**CME/ CPD Availability:** No

**Additional Information:** Broadly speaking, we can think of land back as the regeneration of Indigenous laws on Indigenous lands and waters. Land back is a pathway to climate justice.



## Health Equity and Social Determinants of Health Resources for Environmental Public Health (EPH) Practitioners – Through an Equity Lens: A New Look at Environmental Health

**Offering Date:** Open source – registration not required

**Teacher/ Instructor:** Karen Rideout

**Course Type:** Videos, handbook, workshop toolkit, and resource list.

**Course Themes:** Through an Equity Lens is a project that aims to increase knowledge of health inequities related to the natural and built environment, develop resources to incorporate equity into environmental public health practice, identify options to integrate environmental health equity considerations into health system policies in BC, etc.

**Indigenous-led or distinction based:** No

**Location:** Online

**Duration:** Five videos that are 5-7 minutes in length.

**Cost:** Free

**Grant Availability:** N/A

**Target Audience:** Environmental Health Officers (primary) and other public health professionals (secondary).

**URL:** <http://www.bccdc.ca/health-professionals/professional-resources/health-equity-environmental-health>

**Contact:** [pph@phsa.ca](mailto:pph@phsa.ca)

**Credits:** No

**CME/ CPD Availability:** Participants are eligible to receive CIPHI Professional Development Hours.



## The Path: Your Journey Through Indigenous Canada (ENGLISH)

**Offering Date:** Registration required – self-directed

**Teacher/ Instructor:** Not identified

**Course Type:** Course

**Course Themes:** Indigenous cultural awareness course for planners.

**Indigenous-led or distinction based:** Indigenous-led

**Location:** Online

**Duration:** Six-module course

**Cost:** \$95 plus applicable tax

**Grant Availability:** Unsure

**Target Audience:** Planners

**URL:** <https://members.cip-icu.ca/mpower/event/landing.action?id=26>

**Contact:** [membership@cip-icu.ca](mailto:membership@cip-icu.ca)

**Credits:** Planners will also receive a certificate of completion from the online platform and a CIP digital badge.

**CME/ CPD Availability:** This course is eligible for six unstructured and self-reported continuous professional learning (CPL) credits.

**Additional Information:** The Path is an acclaimed six-module course on the history and contemporary realities of First Nations, Inuit, and Métis from coast-to-coast-to-coast. It has recently been updated with a more interactive format and new information on land acknowledgements, unmarked graves, urban Indigenous realities, and Canada's United Nations Declaration on the Rights of Indigenous Peoples Act. This version of The Path will also include a section on CIP's reconciliation journey and the work we are undertaking to advance reconciliation efforts within the planning profession.



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## Environmental and Occupational Health Page

**Offering Date:** Login required – rolling registration

**Teacher/ Instructor:** Not identified

**Course Type:** A certificate will be generated upon completion of all modules.

**Course Themes:** Two courses offered include:

- Health Equity Impact Assessment
- Health Promotion

**Indigenous-led or distinction based:** No

**Location:** Online

**Duration:** 3-5 hours

**Cost:** Free

**Grant Availability:** N/A

**Target Audience:** Courses appear to be introductory to those new to the field of Health Equity Impact Assessment or Health Promotion.

**URL:** <https://www.publichealthontario.ca/en/Education-and-Events/Online-Learning>

**Contact:** [webmaster@oahpp.ca](mailto:webmaster@oahpp.ca)

**Credits:** No

**CME/ CPD Availability:** CME available



## National Collaborating Centre for Environmental Health (NCCEH) Seminar Series

**Offering Date:** Rolling webinars and recordings

**Teacher/ Instructor:** N/A

**Course Type:** Seminars can be attended online (some offerings in-person). The sessions are conducted in English, and are recorded for later viewing.

**Course Themes:** The BCCDC/NCCEH Environmental Health Seminars Series provides an opportunity for learning and knowledge exchange on a variety of environmental health topics.

**Indigenous-led or distinction based:** No

**Location:** Online

**Duration:** Typically, 1-hour webinars (most common seminar).

**Cost:** Free

**Grant Availability:** N/A

**Target Audience:** Primary audience are environmental public health professionals. Secondary audience are health professionals, researchers, planners, local governments, First Nations, community organizations, civil society organizations.

**URL:** <https://ncceh.ca/events/upcoming-webinars>

**Contact:** [ncceh@bccdc.ca](mailto:ncceh@bccdc.ca)

**Credits:** No

**CME/ CPD Availability:** Participants are eligible to receive CIPHI Continuing Education Credits.



## Building Community to Advance Planetary Health

**Offering Date:** September 20<sup>th</sup> 2024

**Teacher/ Instructor:** Samantha Green and Leslie Solomonian

**Course Type:** A certificate of completion will be issued.

**Course Themes:** Taking Action on Planetary Health introduces learners to the emerging and transdisciplinary social movement of Planetary health and offers the opportunity for learners to develop and implement solutions that will allow humanity and the natural systems we depend on to thrive now and in the future.

**Indigenous-led or distinction based:** Unsure

**Location:** Online

**Duration:** 13 weeks

**Cost:** \$785

**Grant Availability:** No - but group discount offered.

**Target Audience:** This program is designed for healthcare professionals from multiple disciplines interested in leading change and implementing action to tackle the planetary health crisis:

- Family Physicians
- Specialist Physicians
- Nurses and Nurse Practitioners
- Naturopathic Doctors
- Physiotherapists
- Mental Health Care Providers
- Graduate students, post-doctoral students, medical residents, and young professionals
- Other Allied Health Professionals

**URL:** <https://planetaryhealthaction.ca>

**Contact:** [cpd.programs@utoronto.ca](mailto:cpd.programs@utoronto.ca)

**Credits:** No

**CME/ CPD Availability:** This program has been approved for CPDs for 41 hours:

- College of Family Physicians of Canada



- Royal College of Physicians and Surgeons of Canada
- American Medical Association
- European Union for Medical Specialists

**Additional Information:** Taking Action on Planetary Health introduces learners to the emerging and transdisciplinary social movement of Planetary health and offers the opportunity for learners to develop and implement solutions that will allow humanity and the natural systems we depend on to thrive now and in the future.





## Climate Adaptation Fundamentals

**Offering Date:** Oct 7<sup>th</sup>, Jan 13<sup>th</sup> and April 28

**Teacher/ Instructor:** Cohort of professors for the certificate program

**Course Type:** Micro-credential

**Course Themes:** The program explores how climate change is affecting us, what we can do to reduce the impacts, and how we can increase our individual and collective resilience and adaptability. You will actively engage within a multidisciplinary and professional community to develop the foundational knowledge and skills to bring climate action strategies and transition leadership into your workplace. You will develop an understanding of regional climate trends and risks, their implications for human, infrastructure, and natural systems, and how change leadership, financial, and policy approaches are integral to devising real solutions.

**Indigenous-led or distinction based:** Some courses as part of this program appear to be.

**Location:** Blended online

**Duration:** Completion of four courses will provide you with the Climate Adaptation Fundamentals micro-credential.

**Cost:** \$3,000

**Grant Availability:** Group rates are available. Contact continuing studies directly for more information.

**Target Audience:** This program advances new thinking and actions via online courses covering a range of topics related to climate action for working professionals.

**URL:**

<https://pcs.royalroads.ca/public/category/courseCategoryCertificateProfile.do;jsessionid=7D7216480F8817AF2E7CCD3EIF1621E2?method=load&certificateId=1054916>

**Contact:** Continuing Studies General Intake Form:

[https://www.royalroads.ca/contact/professional\\_continuing\\_studies](https://www.royalroads.ca/contact/professional_continuing_studies)

**Credits:** This program is a recognized university certificate from Royal Roads University.

**CME/ CPD Availability:** Not specified.



## Introduction to Sustainable Health Systems

**Offering Date:** Nov 7<sup>th</sup> 2024

**Teacher/ Instructor:** Not specified

**Course Type:** Course

**Course Themes:** The course will introduce you to the relationship between climate change, health, and health systems; familiarize you with the concept of sustainable health systems.

**Indigenous-led or distinction based:** No

**Location:** Online

**Duration:** 1-hour

**Cost:** Free

**Grant Availability:** N/A

**Target Audience:** Care providers, administrators, leaders, and researchers working in health systems.

**URL:** <https://cascadescanada.ca/training/>

**Contact:** <https://cascadescanada.ca/contact/>

**Credits:** Unsure

**CME/ CPD Availability:** Yes, depending on the course.

**Additional Information:** Other courses are offered including more in depth foundational courses, i.e.: fundamentals of sustainable health systems (4-hour) and specialized courses for clinicians, care providers, surgeons, renal care, respiratory care, community care, acute care, administrators, quality improvement, patient safety, researchers, physicians...There are also breakthrough series collaboratives on conscious inhaler prescribing, and a Canadian College of Health Leadership Specialty: Sustainable Health Systems programs.



## Transformative Climate Action

**Offering Date:** Jan 2025 (apply Nov 1<sup>st</sup> 2024) and May 2025 (apply March 1<sup>st</sup> 2025)

**Teacher/ Instructor:** Kara Shaw

**Course Type:** Can be a certificate, a micro-credential, or just a one-off course.

**Course Themes:** The Transformative Climate Action Certificate is a flexible, interdisciplinary credit program that allows you to tailor your electives to your specific climate action goals. You will learn to engage with the social and political challenges of mitigating and adapting to the disrupting effects of climate change. Develop new ways to build collaborative solutions that support decolonization, integrate diverse communities, enhance social resilience and overcome polarization.

**Indigenous-led or distinction based:** Unsure

**Location:** Online

**Duration:** 1-2 years

**Cost:** \$4,440.92

- Seven required courses at \$616.56 per course
- \$125 Program application fee

**Grant Availability:** May be grant opportunities to explore here:

<https://www.sfu.ca/continuing-studies/registration/costs-and-payments.html>

**Target Audience:** Indigenous communities, policy advocates, grassroots organizations and climate scientists and engineers. The Transformative Climate Action Certificate is designed for those passionate about sustainability, social justice and environmental protection.

**URL:** <https://continuingstudies.uvic.ca/humanities-and-social-sciences/programs/transformative-climate-action/>

**Contact:** Jolene Kendzel

- Tel 250-721-8458
- Online intake form at URL

**Credits:** This program is a recognized university credential from the University of Victoria.

**CME/ CPD Availability:** Not specified



## Indigenous Perspectives in Climate Action

**Offering Date:** January 2025 and Summer 2025

**Teacher/ Instructor:** Lindsay Heller

**Course Type:** Can be applied towards a certificate or just a one-off course.

**Course Themes:** This course will introduce Indigenous worldviews and knowledge systems and explore how they relate to science and climate action. It explores an Indigenous rights-based approach in order to develop the skills to respectfully and reciprocally engage with Indigenous communities on climate action. Understanding the major role that colonization plays in the climate crisis is an essential lens for this course.

**Indigenous-led or distinction based:** Yes, Lindsay is a Nehiyaw scholar and member of the Michel First Nation, who makes her home on unceded Musqueam territory.

**Location:** Online

**Duration:** 6 weeks

**Cost:** \$699

**Grant Availability:** May be grant opportunities to explore here:

<https://www.sfu.ca/continuing-studies/registration/costs-and-payments.html>

**Target Audience:** Not specified (must have Grade 12 or equivalent for entry).

**URL:** <https://www.sfu.ca/continuing-studies/courses/clm/indigenous-perspectives-in-climate-action.html>

**Contact:** General inquiries: [learn@sfu.ca](mailto:learn@sfu.ca)

**Credits:** Can be applied to the Climate Action Certificate (3 required + 3 elective courses). Format is part-time and all courses are virtual.

**CME/ CPD Availability:** AIBC CES participants, PIBC members and BCSLA members may self-report for continuing education learning unit consideration.



## Learning on the Land

**Offering Date:** March to November (Tuesday and Thursday)

**Teacher/ Instructor:** Not identified

**Course Type:** Land-based learning

**Course Themes:** We invite your group to join us doing healing work on the land in combination with sharing cultural and ecological teachings. We have hosted many diverse groups including university classes, community organizations, and international groups.

**Indigenous-led or distinction based:** Yes

**Location:** In-person

**Duration:** Programs take place at SNIDŪŁŁ on Tuesdays and Thursdays from March-November, between the hours of 9am-3pm (summer hours may differ).

**Cost:** Free

**Grant Availability:** N/A

**Target Audience:** PEPAKENĪ HÁUTWĪ has hosted many diverse groups including university classes, community organizations, and international groups.

**URL:** <https://www.pepakenhautw.com/learning-on-the-land-1>

**Contact:** To book your program contact: [judithlynarney@gmail.com](mailto:judithlynarney@gmail.com).

**Credits:** No

**CME/ CPD Availability:** No



## Facing Human Wrongs 2.0: Climate Complexity and Relational Accountability

**Offering Date:** Registration opens up twice per year. Check webpage for more details.

**Teacher/ Instructor:** Giovanna de Oliveira Andreotti and Dr. Vanessa de Oliveira Andreotti

**Course Type:** Course

**Course Themes:** This six-week online intensive course was designed to guide you through an exploration of the ongoing systemic violence we perpetuate towards one another and the planet we are part of. This transformative journey aims to support you in processing your responses, moving away from guilt and shame, and cultivating a compass of sobriety, maturity, discernment, and responsibility.

**Indigenous-led or distinction based:** Uncertain; however, half of the proceeds of the course will be redistributed to the Indigenous communities in South America (Huni Kui, Tremembé, Pitaguary and Fulni-ô Indigenous communities) of the land and water protectors who have inspired and supported the pedagogical intent and approach of this course.

**Location:** Online

**Duration:** 6 weeks

**Cost:** \$682.5

**Grant Availability:** Reduced rate available of \$341.25.

**Target Audience:** Participants who benefit the most from this course are those who are looking for experiences where they can:

- be present to and process the harms caused by humanity
- see themselves as part of humanity, and the whole spectrum of humanity within themselves, including the good, the bad, the ugly and the messed up
- confront their personal compulsions, problematic patterns of thinking and behaviour, and perceived entitlements, and how they affect their relationships
- develop (self)compassion and resilience to witness the human predicament in the long haul

**URL:** <https://continuingstudies.uvic.ca/teaching-learning-and-development/courses/facing-human-wrongs-2-0-climate-complexity-and-relational-accountability/>

**Contact:** Contact Susy Torres at 250-721-6129 (or submit questions through online form via the URL)



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**Credits:** CIFAL certificate provided (UN accredited course): <https://www.uvic.ca/about-uvic/cifal/index.php>

**CME/ CPD Availability:** No



## CanAdapt

**Offering Date:** Depends on each individual course

**Teacher/ Instructor:** Not identified

**Course Type:** Course

**Course Themes:** CanAdapt advances Canadians' climate literacy and competencies through digital platform services.

**Indigenous-led or distinction based:** No

**Location:** Online

**Duration:** Depends on the course.

**Cost:** Roughly \$795 per course.

**Grant Availability:** Unsure

**Target Audience:** Public and private sector organizations, climate adaptation professionals, planners, engineers, those working in procurement and infrastructure.

**URL:** <https://can-adapt.ca/about-canadapt/>

**Contact:** <https://weadapt.org/contact/>

**Credits:** Depends on the course.

**CME/ CPD Availability:** Unsure

**Additional Information:** CanAdapt builds on previous successes of these partners to:

- Extend Adaptation Learning Network Portal for showcasing and marketing climate-focused courses, micro-credentials and academic programs from over 200 post-secondary institutions and training organizations in Canada.
- Facilitate professional communities via Canada's Climate Change Adaptation Community of Practice (CCACoP) and subcommunities, to support and facilitate multiple professions, sectors and associations in furthering collaborative climate action.
- Provide a resource knowledge base in support of these professional communities
- Offer services such as skills gap analysis, using tools such as the Climate Adaptation Competency Framework, and provision of professional credentialing (e.g. through Engineers Canada).





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There are a number of courses linked through this platform, please see the URL for more information.



## Climate Adaptation and Mitigation

**Offering Date:** Depends on each individual course

**Teacher/ Instructor:** Not identified

**Course Type:** Courses

**Course Themes:** The Climate Risk Institute offers a number of courses on climate law, infrastructure risk assessments, climate-smart policy and procurement, asset management, training for planners, engineering and infrastructure professionals.

**Indigenous-led or distinction based:** No

**Location:** Predominantly online (but may depend on course).

**Duration:** Variable dependent on course.

**Cost:** Variable dependent on course.

**Grant Availability:** Unsure

**Target Audience:** CRI works collaboratively with a range of players in Canada and internationally to mobilize knowledge and build capacity for improved climate resiliency practices across professions and sectors. In this regard, three CRI flagship programs include the Infrastructure Resilience Professional (IRP) Credentialing Program, the PIEVC Program, and CanAdapt.

**URL:** <https://climateriskinstitute.ca/courses/>

**Contact:** <https://climateriskinstitute.ca/contact-us/>

**Credits:** Depends on the course.

**CME/ CPD Availability:** Unsure



## Emergency Management Associate Certificate

**Offering Date:** No intake dates

**Teacher/ Instructor:** Not specified

**Course Type:** Associate certificate

**Course Themes:** Graduates of the program will have solid knowledge and skills to pursue positions in emergency management with municipalities, provincial and federal government agencies and private organizations.

**Indigenous-led or distinction based:** No

**Location:** Online

**Duration:** The course schedule allows you to complete the program as quickly as four months or finish anytime within three years.

**Cost:** \$5,500

**Grant Availability:** May be grant opportunities to explore here:

<https://www.jibc.ca/student-services/financial-aid>

**Target Audience:** For high school and university graduates, and professionals working in emergency management or public safety roles.

**URL:** <https://www.sfu.ca/continuing-studies/courses/clm/indigenous-perspectives-in-climate-action.html>

**Contact:** Email: [emdprograms@jibc.ca](mailto:emdprograms@jibc.ca) or call 604.528.5590

**Credits:** Yes, this is an Associate Certificate program.

**CME/ CPD Availability:** Uncertain

**Additional Information:** Associate Certificate courses are open to the public. You do not need to be in the program to take them. However, if you are working towards completing the program and have not applied to it, if changes are made to the program it may change the goal post for you.



## Principles of Ecosystem Stewardship Micro-credential

**Offering Date:** No intake dates

**Teacher/ Instructor:** Not specified

**Course Type:** Micro-credential

**Course Themes:** Explore physical, chemical and biological concepts of aquatic and terrestrial ecosystems while you learn about the principles of conservation and how climate change impacts ecosystems management. Course content includes environmental management strategies in relation to laws, regulations, and policies, as well as professional, ethical, and safe behaviours for all areas of practice.

**Indigenous-led or distinction based:** No

**Location:** Online

**Duration:** 11 weeks

**Cost:** Unclear

**Grant Availability:** May be grant opportunities to explore here:

- <https://www.educationplannerbc.ca/go/plan/financial-resources>
- <https://foundation.nic.bc.ca>

**Target Audience:** This Principles of Ecosystem Stewardship Micro-credential program introduces theoretical and applied skills relevant for entry-level ecosystem stewardship positions.

**URL:** <https://www.nic.bc.ca/programs/trades-apprenticeship-and-technical/resource-trades/principles-of-ecosystem-stewardship-micro-credential/>

**Contact:** <https://www.nic.bc.ca/about-us/contact-us/questions/>

**Credits:** Yes, this is a micro-credential program.

**CME/ CPD Availability:** No

**Additional Information:** Gain valuable knowledge and skills needed for entry-level ecosystem stewardship positions. Explore physical, chemical and biological concepts of aquatic and terrestrial ecosystems while you learn about the principles of conservation and how climate change impacts ecosystems management. Course content includes environmental management strategies in relation to laws, regulations, and policies, as well as professional, ethical, and safe behaviours for all areas of practice.



## San'yas Indigenous Cultural Safety Training

**Offering Date:** No intake dates

**Teacher/ Instructor:** Not specified

**Course Type:** Course

**Course Themes:** San'yas is a nationally recognized training program aimed at improving cultural safety for Indigenous people accessing health services.

**Indigenous-led or distinction based:** San'yas is administered by the Indigenous Health department at the Provincial Health Services Authority in Vancouver, British Columbia.

**Location:** Online

**Duration:** Self-paced: Core Training courses are open to access for 8 weeks and take approximately 10 hours to complete.

**Cost:** \$300

**Grant Availability:** Your organization or workplace may have already purchased a seat in this training for you.

**Target Audience:** The curriculum and learning activities have been designed to help participants:

- Strengthen their knowledge, awareness, and skills for working with and providing service to Indigenous people and communities
- Work more safely and effectively with Indigenous people
- Begin considering their role in correcting, rebuilding and transforming systems to uproot Indigenous-specific racism
- Four of these courses are sector-specific and have been designed for people who work in societal systems. These include health care, mental health, justice, and child welfare (i.e., Core Health, Core Mental Health, Core Justice, and Core Child Welfare). The Core Foundations Course is suitable for people in any workplace.

**URL:** [www.sanyas.ca](http://www.sanyas.ca)

**Contact:** [ics@phsa.ca](mailto:ics@phsa.ca)

**Credits:** Yes. A certificate of completion will be available for download from the online platform one week after the training ends.

**CME/ CPD Availability:** The Core ICS Health and Core Mental Health training are:



- Reviewed and approved by the UBC division of Continuing Professional Development
- Designated as an accredited self-assessment program by the Royal College of Physicians and Surgeons of Canada for up to 10.0 section 3 credits as defined by the maintenance of certification program
- Certified by the College of Family Physicians of Canada for up to 20 Mainpro+ credits
- Certified by the Canadian College of Health Leaders members (CHE /Fellow) to 5 Category II credits towards their maintenance of certification requirement.

**Additional Information:** San'yas offers 5 different core Indigenous Cultural Safety (ICS) courses:

- Health
- Mental Health
- Child Welfare
- Justice
- Foundations
- 1 post-training course is available:
- From Bystander to Ally



**Partially  
Completed  
Course Details**



## Indigenous Planetary Health

**Offering Date:** Anytime – podcast

**Course Themes:** Indigenous peoples have ideas for planetary health through resurgence and restoration. From the Archipelagos Collective, Heather Castleden and Hōkūlani Aikau bring you conversations with Indigenous artists, activists, and academics who are tackling the triple crisis of climate change, biodiversity loss, and pollution through daily acts of asserting self-determination to broad trans-Indigenous collective action.

**Course Type:** Podcast

**URL:** <https://indigenousplanetaryhealth.ca/our-podcasts/>





## Pacific Institute for Climate Solutions (PICS) Climate Insights Course

**Offering Date:** Open source - registration not required

**Course Themes:** The course is designed to equip working professionals and others with the knowledge to make informed decisions, create sustainable policies, and convert climate knowledge to climate action.

**URL:** <https://pics.uvic.ca/resources/courses/>



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## Protecting Patients Through Wildfire Season: What You Need to Know | Course | UBC CPD

**Offering Date:** Anytime -webinar recording

**Teacher/ Instructor:** Dr. Stephanie Cleland, Dr. Angela Yao, Dr. Prabjit Barn, Dr. Eric Coker, Dr. Emily Brigham, John Pawlovich, Dr. Christie Newton.

**Course Type:** Webinar

**URL:** <https://ubccpd.ca/learn/learning-activities/course?eventtemplate=745-protecting-patients-through-wildfire-season-what-you-need-to-know>



## Climate Emergency: Tipping Points for Planetary Health

**Offering Date:** Oct 26<sup>th</sup> 8AM - 4:15PM

**Course Themes:** As health professionals, we can help build a healthy planetary future together. Hear from experts in their fields who have initiated projects at a local level. Be inspired at this annual conference presented by the Canadian Association of Physicians for the Environment, with lots of opportunities for participants to engage with the speakers and with each other. This conference is open to all health professionals, but everybody is welcome to attend. Learn how you can support the planetary health.

**URL:** <https://ubccpd.ca/learn/learning-activities/course?eventtemplate=824-climate-emergency-tipping-points-for-planetary-health>



## Nursing on the Frontlines of the Climate Crises: Education for Action

**Offering Date:** Oct 1<sup>st</sup> 2024 to Dec 3<sup>rd</sup> 2024

**Course Themes:** The courses key goals are to increase nursing professionals' knowledge, self-efficacy, and communication skills related to the climate crisis to: improve patient care and public health practice and serve as trusted messengers within their institutions, communities, and fields of practice. Equip interested nursing professionals with the knowledge and skills needed to disseminate education so that health effects of climate change and emergency preparedness can be incorporated more easily into pre- and post-licensure nursing education across the globe. Build and strengthen an agile and informed nursing community around climate and health education, advocacy, and policy for health professionals with strong mentorship and expert support.

**URL:** <https://www.publichealth.columbia.edu/research/programs/global-consortium-climate-health-education/courses/nursing-frontlines-climate-crisis-education-action>



## Navigating Climate Change: Perspectives from Indigenous Providers

**Offering Date:** Nov 4<sup>th</sup> 2024 at 5:30PM - 7PM

**Course Themes:** Join this panel of Indigenous experts on climate change and planetary health to discuss impacts on Indigenous and non-Indigenous peoples' health and practical steps to support their well-being.

**URL:** <https://ubccpd.ca/learn/learning-activities/course?eventtemplate=823-navigating-climate-change-perspectives-from-indigenous-providers>



## Outdoor Learning School

**Course Themes:** The Outdoor Learning School & Store is a charitable social enterprise offering excellent outdoor learning training, tools, resources & equipment with 100% of proceeds going back to supporting outdoor learning non-profit initiatives! Courses include Indigenous language courses, outdoor learning and virtual workshops.

**URL:** <https://outdoorlearning.com>



## NOVA Institute

**Course Themes:** The Nova Institute has been part of a movement to shift the primary approach to health from a focus on disease to a more complete approach. As reflected in their tagline, “For Health of People, Places, and Planet,” they are building on “person health” and looking at the context of peoples’ lives and communities as well as the health of the planet that we all share. They have a number of past and future planned campfire or conference events that may be of interest (e.g., on Sept. 25th they are offering a Nurturing Societies: Cultivating Cooperation for Sustainable Well-Being campfire conversation).

**URL:** <https://novainstituteforhealth.org/forums/events/>



# Closed Courses





## COPEH–Canada Course on Ecosystems Approaches to Health

**Teacher/ Instructor:** Margot Parkes, Jena Webb, Jane Parmley, Angel Kennedy

**Course Type:** Note this can be a certificate, a micro-credential, or just a one off course

**Course Themes:** COPEH–Canada offers The entire CoPEH–Canada Ecosystem Approaches to Health Teaching Manual, containing 8 modules, available as a PDF in English, French and as an abridged version in Spanish.

**Indigenous-led or distinction based:** No

**Location:** This multi-site hybrid course is part online, part face-to-face graduate level course.

**Duration:** 1-month

**Cost:** \$420

**Target Audience:** This course is available to graduate students from all disciplines and also to professionals interested in these themes. Students from all universities are welcome to register. It is possible to register for the full course at participating universities, with credits transferred, or for the webinars only (not for credit, a certificate is provided).

**URL:** <https://copeh-canada.org/en/key-areas/training-and-capacity-building/course.html>

**Contact:**

- General Email: [copehcanada@gmail.com](mailto:copehcanada@gmail.com)
- For those interested in the course in Montréal, contact Jena Webb at [webb.jena@uqam.ca](mailto:webb.jena@uqam.ca)
- For those interested in the course at Guelph, contact Jane Parmley at [jparmley@uoguelph.ca](mailto:jparmley@uoguelph.ca)
- For those interested in the course at UNBC, contact Margot Parkes at [margot.parkes@unbc.ca](mailto:margot.parkes@unbc.ca)
- For those interested in the course at SFU, contact Angel Kennedy at [angel\\_kennedy@sfu.ca](mailto:angel_kennedy@sfu.ca)

**Credits:** This course is available to graduate students from all disciplines and also to professionals interested in these themes. Students from all universities are welcome to register. It is possible to register for the full course at participating universities, with credits transferred, or for the webinars only (not for credit, a certificate is provided).

**CME/ CPD Availability:** Unsure



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**Additional Information:** Discover innovative and dynamic approaches for better understanding the multiple factors which influence health – ecosystem approaches to health – with an experienced, pan-Canadian team in this blended learning experience. During this intensive course, you will learn methods for carrying out research and interventions on issues at the confluence of health, ecosystems and society. The overall objective of this course is to provide participants with a working knowledge of ecosystem approaches to health, such that they can integrate the principles into their own work, as necessary.



## Braiding Indigenous and Western Science

**Teacher/ Instructor:** Unsure

**Course Type:** Course

**Course Themes:** Through a series of four engaging sessions, the Braiding Indigenous and Western Science workshop will provide teachers seeking new approaches to curriculum in Indigenous ways of knowing.

**Indigenous-led or distinction based:** Unsure - this workshop focuses on the book: *Knowing Home: Braiding Indigenous Science with Western Science* (2016), edited by Gloria Snively and Lorna Williams.

**Location:** Online

**Duration:** 2-hour workshop

**Cost:** Unsure due to course being currently closed.

**Target Audience:** Teachers

**URL:** <https://continuingstudies.uvic.ca/teaching-learning-and-development/courses/braiding-indigenous-and-western-science/>

**Contact:** Susy Torres 250-721-6129; or online intake form at URL/info page

**Credits:** No

**CME/ CPD Availability:** No

**Additional Information:** Through a series of four engaging sessions, this 2-hour workshop will provide teachers seeking new approaches to curriculum in Indigenous ways of knowing. The examples and cases for developing science lessons and curricula provided will support teachers to weave Indigenous perspectives, worldviews, and wisdom practices into the science curriculum.



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## Canadian Physicians for the Environment – Advocacy and Mobilization Program

**Course Themes:** The Advocacy and Mobilization Program (AMP) is an accredited capacity-building program for healthcare providers (HCPs) who wish to become effective planetary health advocates.

**URL:** <https://cape.ca/focus/advocacy-and-mobilization-program-for-healthcare-professionals/>

**Additional Information:** Not open for registration.



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## Certificate-Based Course in Pan American Climate Resilient Health Systems

**Course Themes:** The goal of this course is to equip federal, regional and local health systems planners, hospital administrators, long-term care/community care professionals, emergency planners, sustainability officers, public health officials, health practitioners, and others with the knowledge and tools needed to prepare for climate change.

**URL:** <https://www.paho.org/en/events/free-certificate-based-course-pan-american-climate-resilient-health-systems>

**Additional Information:** Not open for registration.



## Climate Action Planning

**Teacher/ Instructor:** Sara Elder, Milind Kandlikar, Eric Mazzi, and John Madden. Plus other additional team members.

**Course Type:** Micro-credential

**Course Themes:** The UBC Micro-certificate in Climate Action Planning: Foundations, Finance and Implementation to put climate action planning into practice within organizations and communities. The microcredential provides a basic understanding of climate science, impacts and policies, and helps you identify key partners related to the specific aspects and geographic areas that interest you.

**Indigenous-led or distinction based:** No

**Location:** Online

**Duration:** Three parts of two to four weeks each, 50 hours total, completed in approximately 12 weeks.

**Cost:** \$1,950

**Target Audience:** Policy makers, planners, industry players, and anyone interested in learning the foundation and practicalities of climate action planning—the goal of the program is to build capacity in different sectors to advance climate action. A background in climate change is not required.

**URL:** <https://extendedlearning.ubc.ca/programs-credentials/climate-action-planning-microcertificate>

**Contact:** <https://extendedlearning.ubc.ca/about/contact>

**Credits:** Micro-credential certificate

**CME/ CPD Availability:** No

**Additional Information:** By the end of this program, you'll be able to:

- Explain the basic science of climate change: its causes and consequences.
- Identify the role of international agreements, including the United Nations Framework Convention on Climate Change (UNFCCC) and Conference of the Parties (COP) describe the disproportionate impacts of climate change on marginalized communities and the need for climate justice know the leading work of Indigenous Peoples in climate movements, international climate movements and UNDRIP



commitments use tools to estimate the costs associated with climate action versus business-as-usual scenarios.

- Weigh various financing options for implementing climate mitigation and adaptation action that are aligned with your respective local economy, including federal and provincial grants, various sources from the capital markets and innovative cost-sharing and cost-recovery mechanisms.
- Apply the knowledge gained to your own institutional mandate, whether it is in agriculture, forestry, planning, services, energy, mining, transportation or another sector.



## Climate Leadership Program

**Teacher/ Instructor:** Not specified

**Course Type:** Program

**Course Themes:** The Climate Leadership Program (CLP) is a transformative initiative built through community engagements and knowledge-sharing sessions from across so-called Canada. Fundamentally, the CLP serves to facilitate capacity-building, information and resource exchanges, and advocacy among Indigenous leaders, communities, and beyond.

**Indigenous-led or distinction based:** Yes. This program is only open to participants who self-identify as Indigenous.

**Location:** Online

**Duration:** 12 hours

**Cost:** Unsure

**Target Audience:** In order to qualify for this program, participants must:

- Self-identify as Indigenous.
- Have a strong desire to create positive change in your community or organization.
- Be located somewhere on Turtle Island (North America).
- Be 18 years of age or older.
- Be open to hosting a workshop in your community or organization.

**URL:** <https://www.indigenousclimateaction.com>

**Contact:** <https://www.indigenousclimateaction.com/contact>

**Credits:** No

**CME/ CPD Availability:** No

**Additional Information:** Other courses/ pathways are offered by ICA on youth leadership, just transition, decolonizing climate policy, indigenous divestment, healing justice and there is an ICA Podcast. For more information, see here:

<https://www.indigenousclimateaction.com/programs>





## Ecosystems for the Future

**Teacher/ Instructor:** Throughout the week, you'll be learning with a cohort of colleagues from diverse disciplines (see description for further details) and experts facilitated by Thomas Munson, MSc, Pag.

**Course Type:** Course

**Course Themes:** This online learning session will bring into focus the practice of restoration of ecosystems at the local and regional level in British Columbia.

**Indigenous-led or distinction based:** Through a series of presentations delivered by faculty from UVic's School of Environmental Studies, First Nations speakers and Elders, and professionals whose work intersects with ecology in diverse ways.

**Location:** Online

**Duration:** Week-long

**Cost:** Unsure due to course being currently closed.

**Target Audience:** Open

**URL:** <https://continuingstudies.uvic.ca/science-and-the-environment/courses/ecosystems-for-the-future/>

**Contact:** Jolene Kendzel 250-721-8458; or online intake form at URL/ info page

**Credits:** No

**CME/ CPD Availability:** No

**Additional Information:** The course begins by rooting the introduction in Indigenous perspectives on how the local ecosystems are changing. We'll discuss basic principles and practices of ecological restoration on the ground. We'll then explore the complexity of BC's biodiversity, basic drivers of change in ecosystems, and the challenges they present in different types of ecosystems. We'll look at how climate change models help us understand what the future scale of change might be, and we will finish up by discussing how ecological restoration principles can apply to different disciplines.



Teachers include:

- Tiffany Joseph, SW, ZENITEL, Indigenous Food Systems Animator
- Earl Claxton Jr., Tsawout First Nations Elder
- Dave Polster, Faculty, Ecological Restoration Program, UVic
- Dr. Brian Starzomski, Faculty and Chair, School of Environmental Studies, UVic
- Dr. Richard Hebda, Faculty, Restoration of Natural Systems Program, UVic
- Dr. Nancy Shackelford, Director, Restoration of Natural Systems Program and Faculty, School of Environmental Studies, UVic
- Dr. Eric Higgs, Faculty, School of Environmental Studies, UVic
- Sonia Voicescu, PhD Candidate, School of Environmental Studies, UVic
- Adriane Pollard, Planner and Manager of Environmental Services, District of Saanich
- Judith Lyn Arney, Ecosystems Director, Pepekan Hautw Nursery and Food Garden, W'Sanec Tribal School, Brentwood Bay, BC
- Bev Windjack, Landscape Architect, LADR Landscape Architects
- Chris Krasowski, Climate Change Specialist, BC Government and Volunteer with City of Victoria Parks



## Indigenous Land Stewardship

**Teacher/ Instructor:** Not identified

**Course Type:** Certificate

**Course Themes:** Program graduates find jobs with employers involved in land and resource administration including First Nations Bands, Indigenous organizations, resource, utility, and land development companies; environmental groups; municipalities, and others.

**Indigenous-led or distinction based:** Yes

**Location:** Online and in-person

**Duration:** 9 months

**Cost:** \$7,140

**Target Audience:** Certificate program geared to high school students and mature applicants. NEC prioritizes Indigenous education for Indigenous learners, but we accept all people who are seeking a distinctly Indigenous educational experience. However, at this time, we do not accept international students.

**URL:** <https://necvancouver.org/nec/programs/ils/>

**Contact:** Go to webpage for online booking system and availability of the student advisor.

**Credits:** Yes, this is a certificate program with transferable credits to academic partners (CAPU, KPU, SFU and UBC).

**CME/ CPD Availability:** No



## Introduction to the Human Dimensions of Climate Change

**Teacher/ Instructor:** Unsure

**Course Type:** Course

**Course Themes:** This course examines a range of understandings of and approaches to addressing climate change.

**Indigenous-led or distinction based:** Unknown

**Location:** Online

**Duration:** 14 weeks (10-hours per week).

**Cost:** Unsure due to course being currently closed.

**Target Audience:** Open

**URL:** <https://continuingstudies.uvic.ca/humanities-and-social-sciences/courses/introduction-to-the-human-dimensions-of-climate-change/>

**Contact:** Jolene Kendzel 250-721-8458; or online intake form at URL/info page

**Credits:** Yes, when applied to the Climate Action Planning certificate

**CME/ CPD Availability:** No

**Additional Information:** The course explores what kind of problems climate change poses; what toolkits are needed to develop and engage it effectively; how to collaborate across diverse priorities in relation to it; and what scales and kinds of actions should be prioritized.



## Planetary Health (CHL5433H)

**Teacher/ Instructor:** Ashley Mariko Aimone

**Course Type:** Course (for existing students)

**Course Themes:** Epidemiology

**Indigenous-led or distinction based:** No

**Location:** Online

**Duration:** Semester

**Cost:** More info is needed if this course can be taken /audited by non-current students and at what cost.

**Target Audience:** The Dalla Lana School of Public Health programs provide training to the next generation of educators, scientists and practitioners who will advance public health in Canada and around the world.

**URL:** <https://www.dlsph.utoronto.ca/course/planetary-health/>

**Contact:** <https://www.dlsph.utoronto.ca/contact/>

**Credits:** Yes

**CME/ CPD Availability:** Unclear

**Additional Information:** This course will provide students with a big picture perspective of planetary health, research, policy and practice issues related to it, and the implications and opportunities related to planetary health for public and population health globally. A key theme throughout will be consideration of health and social equity issues and the differential impacts of climate and other environmental changes on populations in light of these issues.



## Planetary and Global Health Ethics (CHL5633H)

**Teacher/ Instructor:** Erica Di Ruggiero and Ross Upshur

**Course Type:** Course (for existing students)

**Course Themes:** Clinical Public Health

**Indigenous-led or distinction based:** No

**Location:** Online

**Duration:** Semester

**Cost:** More info is needed if this course can be taken /audited by non-current students and at what cost.

**Target Audience:** The Dalla Lana School of Public Health programs provide training to the next generation of educators, scientists and practitioners who will advance public health in Canada and around the world.

**URL:** <https://www.dlsph.utoronto.ca/course/planetary-and-global-health-ethics/>

**Contact:** <https://www.dlsph.utoronto.ca/contact/>

**Credits:** Yes

**CME/ CPD Availability:** Unclear

**Additional Information:** At the end of the course, students will be able to:

- Understand the substance and scope of 'global/planetary health' as distinct from international health
- Discuss the dimensions of forces shaping global/planetary health
- Identify the field of global/planetary health ethics
- Interrogate the normative dimensions of global/planetary health ethics
- Analyze ethical challenges raised by many critical global health issues



## Perspectives on Indigenous Research Methods

**Teacher/ Instructor:** Tanya Ball

**Course Type:** Workshop

**Course Themes:** In partnership with the Indigenous Wellness and Reconciliation Team, Providence Health Care is offering a workshop on Indigenous Research Methods.

**Indigenous-led or distinction based:** Unsure

**Location:** Online

**Duration:** 1-hour

**Cost:** Free

**Target Audience:** Health professionals, researchers, clinicians, knowledge translation specialists, ethics, others.

**URL:** <https://pporesearch.odoo.com/event/perspectives-on-indigenous-research-methods-17/register>

**Contact:** Registration support: [wchang@providencehealth.bc.ca](mailto:wchang@providencehealth.bc.ca)

**Credits:** Unknown

**CME/ CPD Availability:** Not specified

**Additional Information:** For more information:

[https://mcusercontent.com/b9f4f78d9e6f95a564e90b269/files/517df051-6745-93de-3f9a-89c32a5b8a24/Indigenous\\_ResMthds\\_WS\\_poster\\_FINAL.pdf](https://mcusercontent.com/b9f4f78d9e6f95a564e90b269/files/517df051-6745-93de-3f9a-89c32a5b8a24/Indigenous_ResMthds_WS_poster_FINAL.pdf)

1. Introduce you to Indigenous approaches to research: decolonizing methodologies.
2. Help you prevent extractive research practices with Indigenous communities: researching ethically.
3. Help you understand research as relational: nurturing and repairing relationships with Indigenous peoples.



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